

Deposits of the Bashkirian Stage of the Central and
Northern Regions of the Tatar ASSR, by V. G.
Khalympadzha, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXX, No 3, 1960,
p 607-.

AGI

Sci

May 61

The Crystallization of Magnetite and the Formation
of Hydrocarbons in the System CaCO_3 - NaCl - H_2O -Fe at
High Temperatures and Pressures, by I. N. Yu.
Ikornikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 610-612.

AGI

Sci

Jun 61

153, 163

Elemental Impurities in Allogenic Muscovites From
the Islands of Champ, Wiener-Neustadt, and Hayes
(Franz Josef Land), by L. P. Pirozhnikov, 2 pp.

RUSSIAN per, Dok Ak Nauk SSSR, Vol CXXX, No 3, 1960,
pp 613-614.

AGI

Sci

May 61

Ancient Extrusions of Plerite Porphyries in the
Region of Perm Oblast, by N. P. Starkov, Ye. N.
Larionova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 615-617.

ACI

Sci

Jun 61

153, 164

Smaragdite from the Polar Urals, by N. G. Udovkina,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 618-621.

AGI

Sci.

Jun 61

153, 165

The Diagenesis of Cambrian Blue Clay in the Vicinity
of Leningrad, by G. I. Bushinsky, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 622-623.

ADI

Sci

Jun 61

153, 183

The Distribution of Authigenic Silica in Mud
Deposits of the Central Part of the Caspian Sea,
by I. A. Aleksina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1961, pp 624-626.

AGI

Sci

May 61

153, 133

On the Structure of the Fossil Spores of Coni-
opteris, by M. P. Doludenko, 5 pp.

RUSSIAN, per, Dokl. Akad. Nauk SSSR, Vol. CXXX, No 3,
1960, pp 627-629.

AGI

Scl

Jun 61

153, 177

A New Species of *Heracleum*^m from the Chauda Deposits
of Guriya, by K. I. Chochyeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 630-632.

AGI

Sci

Jun 61

153,178

Feb 61

~~See~~

Sex Chromatin in the Trophoblast of Early White
Rat Embryos, by E. B. Zybina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3.
1960, pp 633-.

AIBS

Sci

138,457

Feb 61

The Changes in Nuclear and Blood-Vascular Components of Striated Muscles Associated with Hypertrophy, by K. G. Shchitkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3, 1960, pp 636-.

AIBS

Sci

Feb 61

138,472

Mutation² and Survival Among the Different Strains
of Streptomycin Producers Exposed to the Effect
of Streptomycin, by N. P. Dubinin, R. N.
Shavel'zon, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 640_r.

ATBS

Sci

Feb 61

138,465

Quantitative Distribution of Mussels (*Mytilus*
Galloprovincialis Lam.) on the Eastern Part of the
Crimean Coast, by V. N. Nikitin, 2 pp.

RUSSIAN, per, Dokl. Akad. Nauk SSSR, Vol. 200, No. 3,
1960, pp. 643-645.

ATBS

Sci
Jan 61

Time Taken for Adaptation of the Bivalve Mollusk *Teredo*
Navalis L. and the Polychaete *Mercierella Enigmatica* Fau-
vel to Media of Altered Salinity, by I. N. Soldatova,
E. P. Turpayeva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXV, No 3,
1960, pp 646-.

AIBS

Sci
Jan 61

The Range of the Scurry (*Cololabis Saira* Brev. -
Scombroideidae, Pisces) and Effects of Oceano-
graphic Features on Its Distribution by
N. V. Parin,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 3,
1960, pp 649-652.

Dept of Interior
SHL 1 A429 No 13

Sci - Biol
Feb 63

222,457

Manganese Concretions in the Deposits of
the North-Eastern Part of the Pacific Ocean, by
N. S. Skorniyakova.

RUSSIAN, per, Dok. Ak. Nauk. SSSR, Vol CXXX, No 3,
1960, pp 653-656.

IGC 122

Sci - Geophys, Space Res
May 60

116,497

Effect of X-Ray Irradiation on Tissue Respiration,
by E. N. Iuznets, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1960, pp 657-.

ATBS

Sci
Jan 61

The Possibility of Transition of Chlorophyll
a To Chlorophyll b in the Biosynthetic Process,
by T. N. Godnev, R. M. Rotfark, A. A. Shlyk,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXX. No 3:
1960, pp 663-666.

SLA 60-16004

Sci

129,383

Concerning the Floristic and Cenotic Completeness of
Cenoses, by T. A. Rabotnov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 671-.

AIBS

Sci

Sep 60

Concerning the ~~Geographic~~ Variability of Optical
Properties in Plant Leaves, by V. P. Dadykin, V. P.
Bedenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 674-.

AIBS

Sci
Sep 60

127,436

Growth of Absorbing Roots of Fruit Trees in Relation
to Soil Conditions, by G. N. Eremeyev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 678-.

AIBS

Sci
Sep 60

127,445

Leaf Productivity and Plant Growth in Corn, by
G. B. Ermilov, D. Ya. Sharev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 682-.

AIES

Sci
Sep 60

127,446

The Prognosis of Tree Growth, by V. E. Rudakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 686-.

AIBS

Sci
Sep 60

127,447

The First Member of the Order Plasmoptera From the
Soviet Far Eastern Territories, by G. Ya.
Bei-Bienko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 690-.

AIBS

Sci
Jan 61

Tracheole Structure in Some Chilopoda, by
Z. S. Kaufman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 693--.

AIBS

Sci

Feb 61

138,454

The Concentration of Copper in Blood Serum in
the Normal State and in the Presence of Certain
Lesions in the Area of the Diencephalon, by
G. M. Gakht, N. I. Grashchenkov, G. N. Kassil',
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 3,
1960, pp 697-700.

AIBS

Sci

Feb 61

138,480

The State of the Speech-Directing Analyzer in
Aphasia, by N. A. Kryshova, K. M. Shteingart,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 3, 1960, pp 701-703.

AIRS

Sci

Feb 61

138,482

The Effect of Lighting Conditions on the
Sexual Processes of White Mice, by G. Z.
Shulket-Kagan, A. M. Emme, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXXX, No 3,
1960, pp 704-.

AIBS

Sci

Feb 61

138,481

An Experiment Involving Repeated Seminations
of Eggs, from the Sturgeon Family Fishes, in
Water and in Media Lacking Calcium, by T. A.
Detlaf, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 3, # 1960 pp 708-.

AIBS

Sci

Feb 61

138,460

Theory of Perfectly Hardening Media, by D. D.
Ivlev, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 742-.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci

Sep 60

125,823

General Hydrodynamic Theory of a Supersonic
Interferometer, by I. I. Ol'khovskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 4, 1960, pp 747-750.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci

Sep 60

125,817

Electronoptical Observation of "Patch Fields" on
Emitting Surfaces, by G. V. Spivak, I. A. Pryamkova,
V. N. Lepeshinskaya, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXDX, No 4,
1960, pp 751-.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci

125,819

Sep 60

Deformations and Breakdown of the Subsurface Layer
in Lithium Fluoride Crystals, by Ya. E. Geguzin,
A. A. Shpunt, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 755-.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci

Sep 60

125,800

A New Spectrophotometric Apparatus for the
Investigation of Microcrystals, by A. D.
Rakcheyev, 4 PP.

RUSSIAN, per, Dok Ak Nauk SSSR, VolCXXX, No 4,
1960, pp 758-.

AIP
Sov Phys-Doklady
Vol V, No 1

125,830

Sci

Sep 60

Adsorption of Nitrogen Gas on Modified Activated
Carbon, by B. P. Gering, M. M. ⁸Dubinin, E. G.
Zhukovskaja, 4 pp. *B*

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 793-796.

CB

150,021

Sci

Apr 61

The Reduction of Indium on the Dropping-Mercury
Electrode in the Presence of Certain Organic
and Inorganic Cations, by Kh. Z. Brainina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 797-800.

CB

150,022

Sci

Apr 61

The Chemisorption of Oxygen on Germanium, by
R. Mh. Burshtein, L. A. Larin, G. F. Voronina,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 801-803.

CH

Sci

Apr 61

150,023

S-492/60

(NY-4492)

Measurement of the Temperature of the
Detonation Front of Explosive Substances, by
I. M. Voskoboinikov, A. Ya. Apin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 804-806.

JPRS 5702

Sci - Phys, Chem

Oct 60

128,024

The Measurement of Detonation-Front Temperatures
for Explosives, by I. M. Voskoboinikov, A. Ya.
Apin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 804-806.

CB

150,016

Sci

Apr 61

The Interphase Surface Energy of a Metal at the
Crystal-Melt Interface, by S. N. Zadumkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 810-811.

CB

150,018

Sci

Apr 61

Alteration of the Work Function of Oxide Semiconductors
by the Introduction of Additives, by E. Kh,
Enikeyev, L. Ya. Margolis, S. Z. Roginskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 807-809.

CB

150,017

Sci

Apr 61

The Catalytic Action of Copper Ions in the
Dissolution of Metals with Oxygen Depolarization,
by I. A. Makovskiy, N. G. Tyurin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
pp 812-815.

CB

150,019

Sci

Apr 61

Special Features of the Kinetics of the
Hydrational Hardening of Sulfates, by O. I.
Luk'yanova, P. A. Rebinder, G. M. Belousova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 816-819.

CB

156,017

Sci

Apr 61

Oxidation Reactions of the Olefins, by I. I.
Moyseyev, M. N. Vargaftik, Ya. K. Syrkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 820-823.

CB

NLL 11-11-61
ATS-60M/150,013
ATS/RJ-2562

Sci

Apr 61

A Study of the Relation Between the Diffusion Coefficient and the Coverage on Sorbent Grains of Arbitrary Form, by D. P. Timofeyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4, 1960, pp 824-825.

CB

150,014

Sci

Apr 61

The Ionization of Triphenylcarbonyl in Sulfuric
Acid Media Containing Isopropyl Alcohol, by
S. G. Entelis, G. V. Eppele, N. M. Chirkov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4, ✓
pp 826-829.

1960

CB

Sci

150,015

Apr 61

Some Features in the Development of the Chukotsk
Geosynclinal Zone During the Early Triassic, by
S. M. Tilman, G. M. Sosunov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1961, pp 834-837.

AGI

Sci

May 61

153, 150

The Discovery of Devonian Fossils in the Basin of the
Nila River (Khabarovsk Kray), by E. P. Khokhlov, N. G.
Osipov, 1 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4, 1960,
p. 838.

AGI

Sci

May 61.

Arguate Zonation in the Geological Structure of
East Turan and Adjacent Regions, by Yu. V. Chudinov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 839-842.

AGI

Sci

May 61

153,151

Coronadite from the Zone of Oxidation of the Lead-Zinc Deposits of Kurgashinkan (UzbekSSR), by I. M. Golovanov, 3 pp.

RUSSIAN, per, Dok ak Nauk SSSR, Vol CXXX, No 4, 1960, pp 843-845.

AGI

Sci

Jun 61.

153,166

Glaucconite from the Lower Cretaceous of Daghestan,
by L. I. Gorbunova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 846-849.

AOI

Sci

Jun 61

153, 167

Mineralogy of Recent Sediments from Proval Guld,
by G. A. Kazenkina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 850-853.

AGI

Sci

Jun 61

153, 184

Magnetic Spherules in the Lower Tertiary Formations on
the Southern Slope of the Northwestern Caucasus, by
V. T. Malyshek, 2 pp.

RUSSIAN per, Dok Ak Nauk SSSR, Vol CXXX, No 4, 1960,
pp 854-855.

AGI

Sci

May 61

The Spectral Intensity of Sands in Southeastern
Kara Kum, by M. A. Romanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 856-859.

AGI

Sci

Jun 61

153, 185

Petrography of the Akchagyl Deposits in the
Balkhan Region, by A. L. Yurevich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 860-863.

AGI

Sci

Jun 61

153, 186

Some Data on the Petrographic and Geochemical
Characteristics of the Ozersk-Khovansk Moscow
Deposits, by V. A. Golovko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1961, pp 864-867.

AGI

Sci

May 61

153, 134

The Role of the Sedimentation Rate in the Accumulation of Absolute Masses of Organic Matter in a Sediment, by L. A. Nazarkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4, 1960, pp 868-870.

AGI

Sci

May 61

153, 135

The Forms of Iron in Cretaceous and Tertiary
Deposits of Turkmen, by P. S. Slavin; 3 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXXX, No 4,
1960, pp 871-874.

AGI

Sci

May 61

153, 136

History of the Development of the Plant Cover of the
Central Districts of the Russian Plain during the
Holocene, by V. N. Sukachev, R. N. Gorlova, Ye. P.
Meteltseva, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 879-881.

AGI

Sci

Jun 61

153, 179

The Histochemistry of Histidine in the Smooth
Muscles of Invertebrate and Vertebrate Animals,
by M. V. Shornikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 4, 1960, pp 883-886.

AIBS

Sci

138,474

Feb 61

The Question of "Desoxyribonucleic Acid Substitutes",
by L. A. Elyumenfel'd, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCI, No 4,
1960, pp 893-.

AIDS

Sci
Jan 61

Effect of Insonated Water on Some Animal and Plant
Organisms, by F. A. Gurevich, M. S. Levinson,
G. S. Komolova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 893-894.

AIBS

Sci
Jan 61

Statistical Theory of Reduplication of Desoxyk-
ribonucleic Acid, by M. V. Vol'kenshtein, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 889-892.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci

AIBS

Sep 60

125,796

Nature of Change in Polymeric Spectrum of DNA on
 γ -Irradiation of Its Solutions, by A. M. Kuzin,
V. A. Struchkov, N. B. Strazhevskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 895-897.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci

ABR 125,798

Sep 60

Effect of X-Ray Irradiation of Pregnant Females
on Functional State of Higher Divisions of the
Central Nervous System of Their Progeny (in
Postnatal Ontogenesis), by I. A. Piontkovskiy,
R. I. Kruglikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 898-900.

AIP
Sov Phys-Doklady
Vol V, No 1

AIBS

125,797

Sci
Sep 60

Effect of Temperature During Irradiation on the
Radiation Response of Paramecium, by I. B.
Smirnova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 901-903.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci

Sep 60

AIBS 125,799

Antibiotics as Substances Affecting the Efficiency
of Radiation Action on Cells, by N. I. Shapiro,
N. V. Belitsina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 904-.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci

Sep 60

AIBS 125,794

Fertilization and Development of the Embryo and
Endosperm of the Allopolyploid Variety of
Peppermint (*Mentha Piperita* L.), by S. A.
Admiral'skaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 919-.

AIBS

Sci
Sep 60

127,438

The Germination of Seeds of Several Species of
Weeds and Ruderal Plants After Treatment With
Solutions of Gibberellic Acid of Various
Concentrations, by P. G. Kosikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 922-.

AIBS

Sci
Sep 60

127,448

The Localization of Changes Connected With a
Continuing Period of Dormancy in Apple, by Ya.
S. Nesterov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 925-,

AIBS

Sci
Sep 60

127,449

The Participation of the Scales of Wheat Spikes
in the Absorption of Nitrogen With Foliar
Application, by N. S. ~~f~~ Petinov, A. N. ~~Pavlov~~ Pavlov,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 929-.

AIBS

Sci
Sep 60

127,450

Features in the Development and Winter Hardiness
of Several Varieties of Summer Wheat in Connection
With Their Photoperiodic Reaction, by V. V.
Skrpichinskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 932-.

AIBS

Sci
Sep 60

127,451

Healing of Wounds of the Heart in Birds, by
A. A. Molosova, 3pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 936-.

AJCS

Sci

Feb 61

138,464

The Effect of Temperature on the Neurosecretion
in the Preoptic Nucleus of the Frog, by A. A.
Voitkevich, E. I. Zubkova, I. I. Grigor'eva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXDX, No 4,
1960, pp 940-.

AIBS

Sci

Feb 61

138,463

Life Cycle of the Cestode, *Fimbriaria Amurensis* sp. n.,
Parasite of Domestic Ducks, by G. A. Kote'nikov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCV, No 4,
1960, pp 944-945.

ADDS

Sci
Jan 61

An Elucidation of the Life Cycle of the Goose
Tapeworm *Drepanidotaenia Przewalskiy Skryabin*,
1914, by V. I. Petrochenko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 4,
1960, pp 946-948.

AIBS

Sci
Jan 61

A Determination of the Life Cycle of the
Trematode *Astiotrema Monticelli* Stossich
1904, by N. N. Shevchenko, (I. I. Vergin, 3 pp.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Vol CXXX,
No 4, 1960, pp 949-.

AIBS

Sci

Feb 61.

138,476

14

(IX-5032)

A Point Explosion in an Inhomogeneous Atmosphere.
by A. S. Kompaneneyets, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIX, No 2,
1960, pp 1001-1003.

JPRS 3611

Sci - Engr, Hydrodynamics

Aug 60

121,524

Change in the Intensity of Nuclear Quadrupole
Resonance in a Molecular Crystal Exposed to
Fast Electrons, by A. I. Kitaigorodskiy, E. I.
Fedin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1005-1007.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci

Sep 60

125,812

Angular Distribution of 5.45-Mev Protons Elastically
Scattered by Nickel, Copper, and Cobalt Isotopes,
by N. Ya. Rutkevich, V. Ya. Golovnyy, A. K. Val'ter,
A. P. Klyucharev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1008-1011.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci

Sep 60

125, 814

Variational Principles in the Determination of the
Fundamental Characteristics of a Ferromagnetic
From an Analysis of the Hysteresis Loop, by V. I.
Skobelkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1012-.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci
Sep 60

125,813

Experimental Testing of the Hypothesis of the
Nature of Magnetic Declination, by V. V. Shuleykin,
4 pp.

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, Vol CXXX, No 5, 1960,
pp 1015-1018.

IGC 114

Sci + Geophys
May 60

116,659

Investigation of Vapor-Content Distribution in
Boiling Boundary Layers by the Beta-Radioscopy
Method, by M. A. Styrikovich, E. I. Nevstruyeva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1019.

AJP
Sov Phys-Doklady
Vol V, No 1

Sci

1025, 826

Sep 60

A Determination by Electron Diffraction of the
Structure of Kaolinite, by B. B. Zvyagin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1023-.

AIP
Sov Phys-Doklady
Vol V, No 1

Sci

Sep 60

125,829

The Low-Velocity Detonation of Liquid Explosives,
by L. G. Bolikhovitinov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1044-1045.

CB

150,008

Sci

Apr 61

Kinetic Investigation Into the Electrochemical
Reduction of Chromic Acid on a Rotating Disc
Electrode, by E. Budevskiy, S. Toshev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1047-1050.

CB

150,009

Sci

Apr 61

Investigation of the Radiolytic Oxidation of
Bivalent Iron at High Irradiation Doses, by
P. M. Glazunov, A. K. Pilyayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5,
1960, pp 1051-1054.

CB

150,010

Sci

Apr 61

A New Chain-Initiating Reaction in Liquid-Phase
Oxidation, by E. T. Denisov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1055-1058.

CB

150,011

Sci

Apr 61

Analysis of the Bond Form and the State of Water
Absorbed in Dispersed Bodies, by Means of Kinetic
Drying Curves, by M. P. Kazanskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1059-1067.

CB

150,004

Sci

Apr 61

Light Absorption and Luminescence of Complex
Molecules, by S. I. Rubarev, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1067-1070.

CS

150,006

Sci

Apr 61

An Example of a Homogeneous Extension to a
Heterogeneous Catalytic Reaction by G. V. Krylov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1068-1066.

CB

150,005

Sci

apr 61

Isotopic Exchange of Oxygen on Oxidation Catalysts
by L. Ya. Margolis, V. A. Kiselev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1071-1073.

CB

150,007

Sci

Apr 61

Thermodynamic Properties of Indium Antimonide,
by A. V. Nikol'skaya, V. A. Geyderikh, Ya. I.
Gerasimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1074-1077.

CB

149,769

Sci

Apr 61

The Effect of Alkali Metal Halides on the Amount
of Hydrogen Adsorbed on Platinum Black, by D. V.
Sokol'skiy, G. D. Zakumbayeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1078-1080.

CB

149,770

Sci

Apr 61

Reversible Changes in the Gaseous Permeability
of Polymers During γ - irradiation, by N. S.
Tikhonirova, Yu. M. Malinskiy, V. L. Karpov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1081-1084.

RTS-0310401

CS

ATE/RT-2442

149,771

Sci

Apr 61

The Effect of Oxygen on the Electrochemical and Corrosion Behavior of "DOLBYT" Steel in Water at Critical Temperature and Pressure, by V. V. Gerasimov, A. I. Gromova, E. T. Shapovalov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5, 1960, pp 1089, 1090. *01752*

Navy/BNL 842
01752

Sci - Chemistry
May 61

150,571

Features of Coal Accumulation in Central Kazakhstan
During Ashlyarik Time, by Ye. A. Slatvinskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk ~~ANXONER~~ SSSR, Vol 4 CXXX,
No 5, 1961, pp 1099-1102.

AGI

Sc1

May 61

153, 152

A Structural Outline of the Apsheron Peninsula
and the Adjoining Regions of the Caspian Sea, by
G. P. Tamrazyan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5,
1962, pp 1103-1105.

AGI

Sci

May 61

153, 153

Primary Holian Sands [✓] in the Central Asian Desert,
by M. P. Petrov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 5,
1960, pp 1106-1109.

AGI

Sci

Jun 61

153, 187